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(54) SUPERVISING
CIRCUIT FOR

OPTICAL REPEATER

(57) Abstract:

PURPOSE: To relieve the closed loop due to mis-operation without giving effect onto the operation of other system by receiving a loopback release signal from an in-service supervisory circuit of the other system.

CONSTITUTION: Two supervisory circuits for the out-service supervisory function and the in-service supervisory function using the optical loopback system are provided to the optical repeater of multi-system mount, an out of service supervisory circuit 1 receives a

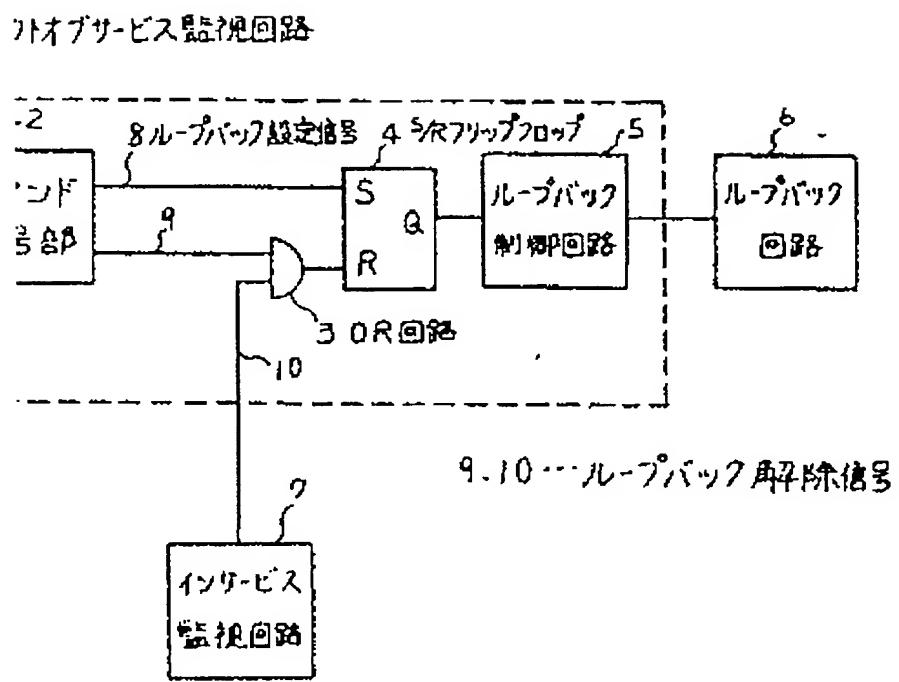
control instruction by a command decoding section 2 by means of a main line system signal 11, outputs a loopback setting signal 8 and a loopback release signal 9 thereby

controlling a loopback circuit 6 through an RS flip-flop 4 and a loopback control circuit 5. In the embodiment, a loopback release signal 10 from the in-service supervisory circuit 7 of the other system and the loopback release signal 9 are given to an OR circuit 3 to attain the release of the loopback circuit 6 even in the in-service state from the other system.

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